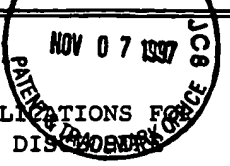
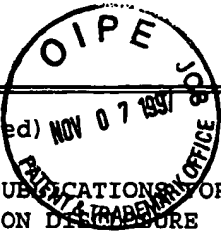


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| FORM PTO-1449 (Modified) | |  | | Attorney Docket No. 17957-000110US | | Serial No.: 08/852,495 | |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | Applicant: DAVID A. RUDDY et al. | | | |
| | | | | Filing Date: 5/5/97 | | Group: | |
| Reference Designation | | | | U.S. PATENT DOCUMENTS | | | |
| Examiner Initial | Document No. | Date | Name | Class | Sub- class | Filing Date (If Appropriate) | |
| AA | 4,511,503 | 04/16/85 | Olson et al. | C07G | 7/00 | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | Document No. | Date | Country | Class | Sub- class | Translation (yes/no) | |
| AB | WO 96/06583 | 03/07/96 | WIPO | A61F | 9/00 | No | |
| AC | WO 96/35802 | 11/14/96 | WIPO | C12P | 19/34 | No | |
| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| AD | Abravaya, K. et al., "Detection of point mutations with a modified ligase chain reaction (Gap-LCR)," <u>Nucl. Acids Res.</u> 23(4):675-682 (1995) | | | | | | |
| AE | Adams, M.D. et al., "Complementary DNA Sequencing: Expressed Sequence Tags and Human Genome Project," <u>Science</u> 252:1651-1656 (1991) | | | | | | |
| AF | Amadou, C. et al., "Localization of New Genes and Markers to the Distal Part of the Human Major Histocompatibility Complex (MHC) Region and Comparison with the Mouse: New Insights into the Evolution of Mammalian Genomes," <u>Genomics</u> 26:9-20 (1995) | | | | | | |
| AG | Anderson, J.R. et al., "Precipitating Autoantibodies in Sjögren's Disease," <u>Lancet</u> 2:456-460 (1961) | | | | | | |
| AH | Bacon, B.R., "Causes of Iron Overload," <u>N. Engl. J. Med.</u> 326(2):126-127 (1992) | | | | | | |
| AI | Barany, F., "Genetic disease detection and DNA amplification using cloned thermostable ligase," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 88:189-193 (1991) | | | | | | |
| AJ | Balan, V. et al., "Screening for Hemochromatosis: A Cost-Effectiveness Study Based on 12,258 Patients," <u>Gastroenterology</u> 107:453-459 (1994) | | | | | | |
| AK | Barton, J.C. et al., "Hemochromatosis: The genetic disorder of the twenty-first century," <u>Nature Medicine</u> 2:394-395 (1996) | | | | | | |
| AL | Beaucage, S.L. et al., "Deoxynucleoside Phosphoarmidites-A New Class of Key Intermediates for Deoxypolynucleotide Synthesis," <u>Tetrahedron Letters</u> 22(20):1859-1862 (1981) | | | | | | |
| AM | Beggs, J.D., "Transformation of yeast by replicating hybrid plasmid," <u>Nature</u> 275:104-109 (1978) | | | | | | |
| AN | Benton, W.D. et al., "Screening λ gt Recombinant Clones by Hybridization to Single Plaques in situ," <u>Science</u> 196:180-182 (1977) | | | | | | |
| AO | Botstein, D. et al., "Sterile Host Yeast (SHY): A Eukaryotic System of Biological Containment for Recombinant DNA Experiments," <u>Gene</u> 8:17-24 (1979) | | | | | | |

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| | | Filing Date: 5/5/97 | Group: |
| AP | Broach, J.R. et al., "Transformation in Yeast: Development of a Hybrid Cloning Vector and Isolation of the CAN1 Gene," <u>Gene</u> 8:121-133 (1979) | | |
| AQ | Chong, S.S. et al., "Molecular Cloning of the cDNA Encoding a Human Renal Sodium Phosphate Transport Protein and Its Assignment to Chromosome 6p21.3-p23," <u>Genomics</u> 18:355-359 (1993) | | |
| AR | Cotton, R.G.H. et al., "Reactivity of cytosine and thymine in single-base-pair mismatches with hydroxylamine and osmium tetroxide and its application to the study of mutations," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 85:4397-4401 (1988) | | |
| AS | Church, D.M. et al., "Isolation of genes from complex sources of mammalian genomic DNA using exon amplification," <u>Nature Genetics</u> 6:98-105 (1994) | | |
| AT | Clark, G. et al., "Characterization of a soluble cytoplasmic antigen reactive with sera from patients with systemic lupus erythematosis," <u>J. Immunol.</u> 102(1):117-122 (1969) | | |
| AU | Dausset, J. et al., "Centre d'Etude du Polymorphisme Humain (CEPH): Collaborative Genetic Mapping of the Human Genome," <u>Genomics</u> 6:575-577 (1990) | | |
| AV | Edwards, C.Q. et al., "Screening for Hemochromatosis," <u>N. Engl. J. Med.</u> 328(22):1616-1620 (1993) | | |
| AW | Faham, M. et al., "A Novel In Vivo Method to Detect DNA Sequence Variation," <u>Genome Res.</u> 5:474-482 (1995) | | |
| AX | Fahy, E. et al., "Self-sustained Sequence Replication (3SR): An Isothermal Transcription-based Amplification System Alternative to PCR," <u>PCR Methods Appl.</u> 1:25-33 (1992) | | |
| AY | Feder, J.N. et al., "A novel MHC class I-like gene is mutated in patients with hereditary haemochromatosis," <u>Nature Genetics</u> 13:399-406 (1996) | | |
| AZ | Finch, C.A., "Hemochromatosis—Treatment is Easy, Diagnosis Hard," <u>West. J. Med.</u> 153:323-325 (1990) | | |
| BA | Fischer, S.G. et al., "DNA fragments differing by single base-pair substitutions are separated in denaturing gradient gels: Correspondence with melting theory," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 80:1579-1583 (1983) | | |
| BB | Freemont, P.S. et al., "A Novel Cysteine-Rich Sequence Motif," <u>Cell</u> 64:483-484 (1991) | | |
| BC | Grunstein, M. et al., "Colony hybridization: A method for the isolation of cloned DNAs that contain a specific gene," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 72(10):3961-3965 (1975) | | |
| BD | Gubler, U. et al., "A simple and very efficient method for generating cDNA libraries," <u>Gene</u> 25:263-269 (1983) | | |
| BE | Gyapay, G. et al., "The 1993-94 Généthon human genetic linkage map," <u>Nature Genetics</u> 7:246-339 (1994) | | |
| BF | Herskowitz, I. et al., "The lysis-lysogeny decision of phage λ: explicit programming and responsiveness," <u>Ann. Rev. Genet.</u> 14:399-445 (1980) | | |

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| | | Filing Date: 5/5/97 | Group: |
| BG | Hinnen, A. et al., "Transformation of yeast," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 75(4):1929-1933 (1978) | | |
| BH | Ito, H. et al., "Transformation of intact Yeast Cells Treated with Alkali Cations," <u>J. Bacteriol.</u> 153(1):163-168 (1983) | | |
| BI | Jazwinska, E.C. et al., "Localization of the Hemochromatosis gene Close to D6S105," <u>Am. J. Hum. Genet.</u> 53:347-352 (1993) | | |
| BJ | Jazwinska, E.C. et al., "Haplotype Analysis in Australian Hemochromatosis Patients: Evidence for a Predominant Ancestral Haplotype Exclusively Associated with Hemochromatosis," <u>Am. J. Hum. Genet.</u> 56:428-433 (1995) | | |
| BK | Jack, L.J.W. et al., "Cloning and Analysis of cDNA Encoding Bovine Butyrophilin, an Apical Glycoprotein Expressed in Mammary Tissue and Secreted in Association with the Milk-fat Globule Membrane during Lactation," <u>J. Biol. Chem.</u> 265(24):14481-14486 (1990) | | |
| BL | Kan, Y.W. et al., "Antenatal Diagnosis of Sickle-Cell Anaemia by D.N.A. Analysis of Amniotic-Fluid Cells," <u>Lancet</u> ii:910-912 (1978) | | |
| BM | Landegren, U. et al., "A Ligase-Mediated Gene Detection Technique," <u>Science</u> 241:1077-1080 (1988) | | |
| BN | Levy-Lahad, E. et al., "Chandidate Gene for the Chromosome 1 Familian Alzheimer's Disease," <u>Science</u> 269:973-977 (1995) | | |
| BO | Lovett, M. et al., "Direct selection: A method for the isolation of cDNAs encoded by large genomic regions," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 88:9628-9632 (1991) | | |
| BP | Maskos, U. et al., "A novel method for the parallel analysis of multiple mutations in multiple samples," <u>Nucl. Acids Res.</u> 21(9):2269-2270 (1993) | | |
| BQ | Matteucci, M.D. et al., "Synthesis of Deoxyoligonucleotides on a Polymer Support," <u>J. Am. Chem. Soc.</u> 103:3185-3191 (1981) | | |
| BR | Maxam, A.M. et al., "Sequencing End-Labeled DNA with Base-Specific Chemical Cleavages," <u>Meth. Enzymol.</u> 65:499-560 (1980) | | |
| BS | Miller, M.M. et al., "Immunoglobulin variable-region-like domains of diverse sequence within the major hitocompatibility complex of the chicken," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 88:4377-4381 (1991) | | |
| BT | Myers, R.M. et al., "Detection of Single Base-Substitutions by Ribonuclease Cleavage at Mismatches in RNA:DNA Duplexes," <u>Science</u> 230:1242-1246 (1985) | | |
| BU | Needham-VanDevanter, D.R. et al., "Characterization of an adduct between CC-1065 and a defined oligondeoxynucleotide duplex," <u>Nucl. Acids. Res.</u> 12:6159-6168 (1984) | | |
| BV | Needleman, S.B. et al., "A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins," <u>J. Mol. Biol.</u> 48:443-453 (1970) | | |



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| | | Filing Date: 5/5/97 | Group: |
| <input checked="" type="checkbox"/> BW | Newton, C.R. et al., "Analysis of any point mutation in DNA. The amplification refractory mutation system (ARMS)," <u>Nucl. Acids Res.</u> 17(7):2503-2516 (1989) | | |
| <input type="checkbox"/> BX | Nikiforov, T.T., et al., "Genetic Bit Analysis: a solid phase method for typing single nucleotide polymorphisms," <u>Nucl. Acids Res.</u> 22(20):4167-4175 (1994) | | |
| <input type="checkbox"/> BY | Orita, M. et al., "Rapid and Sensitive Detection of Point Mutations and DNA Polymorphisms Using the Polymerase Chain Reaction," <u>Genomics</u> 5:874-879 (1989) | | |
| <input type="checkbox"/> BZ | Ørum, H. et al., "Single base pair mutation analysis by PNA directed PCR clamping," <u>Nucl. Acid Res.</u> 21(23):5332-5336 (1993) | | |
| <input type="checkbox"/> CA | Pearson, J.D. et al., "High-Performance Anion-Exchange Chromatography of Oligonucleotides," <u>J. Chromatography</u> 255:137-149 (1983) | | |
| <input type="checkbox"/> CB | Pearson, W.R. et al., "Improved tools for biological sequence comparison," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 85:2444-2448 (1988) | | |
| <input type="checkbox"/> CC | Phatak, P.D. et al., "Cost-effectiveness of Screening for Hereditary Hemochromatosis," <u>Arch. Intern. Med.</u> 154:769-776 (1994) | | |
| <input type="checkbox"/> CD | Queen, C. et al., "Cell-Type Specific Regulation of a κ Immunoglobulin Gene by Promoter and Enhancer Elements," <u>Immunol. Res.</u> 89:49-68 (1986) | | |
| <input type="checkbox"/> CE | Raha-Chowdhury, R. et al., "New polymorphic microsatellite markers place the haemochromatosis gene telomeric to D6S105," <u>Hum. Mol. Genet.</u> 4(10):1869-1874 (1995) | | |
| <input type="checkbox"/> CF | Roberts, A.G. et al., "Increased frequency of the haemochromatosis Cys282Tyr mutation in sporadic porphyria cutanea tarda," <u>Lancet</u> 349:321-323 (1997) | | |
| <input type="checkbox"/> CG | Saiki, R.K. et al., "Primer-Directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase," <u>Science</u> 239:487-491 (1988) | | |
| <input type="checkbox"/> CH | Saiki, R.K. et al., "Genetic analysis of amplified DNA with immobilized sequence-specific oligonucleotide probes," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 86:6230-6234 (1989) | | |
| <input type="checkbox"/> CI | Schneider, I., "Cell lines derived from late embryonic stages of <i>Drosophila melanogaster</i> ," <u>J. Embryol. Exp. Morph.</u> 27(2):353-365 (1972) | | |
| <input type="checkbox"/> CJ | Simon, M. et al., "Association of HLA-A3 and HLA-B14 antigens with idiopathic haemochromatosis," <u>Gut</u> 17:3332-334 (1976) | | |
| <input type="checkbox"/> CK | Simon, M. et al., "A Study of 609 HLA Haplotypes Marking for the Hemochromatosis Gene: (1) Mapping of the Gene near the HLA-A Locus and Characters Required to Define a Heterozygous Population and (2) Hypothesis Concerning the Underlying Cause of Hemochromatosis-HLA Association," <u>Am. J. Hum. Genet.</u> 41:89-105 (1987) | | |
| <input type="checkbox"/> CL | Smith, T.F. et al., "Comparison of Biosequences," <u>Adv. Appl. Math.</u> 2:482-489 (1981) | | |
| <input checked="" type="checkbox"/> CM | Sprague, J. et al., "Expression of a Recombinant DNA Gene Coding for the Vesicular Stomatitis Virus Nucleocapsid Protein," <u>J. Virol.</u> 45(2):773-781 (1983) | | |

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| <input checked="" type="checkbox"/> CN | Stone, C. et al., "Isolation of CA dinucleotide repeats close to D6S105; linkage disequilibrium with haemochromatosis," <u>Hum. Mol. Genet.</u> 3(11):2043-2046 (1994) | | | |
| <input type="checkbox"/> CO | Strathmann, M. et al., "Transposon-facilitated DNA sequencing," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 88:1247-1250 (1991) | | | |
| <input type="checkbox"/> CP | Summers, K.M. et al., "HLA Determinants in an Australian Population of Hemochromatosis Patients and Their Families," <u>Am. J. Hum. Genet.</u> 45:41-48 (1989) | | | |
| <input type="checkbox"/> CQ | Syvänen, A.C. et al., "A Primer-Guided Nucleotide Incorporation Assay in the Genotyping of Apolipoprotein E," <u>Genomics</u> 8:684-692 (1990) | | | |
| <input type="checkbox"/> CR | Taylor, M.R. et al., "Cloning and sequence analysis of human butyrophilin reveals a potential receptor function," <u>Biochimica Biophysica Acta</u> 1306:1-4 (1996) | | | |
| <input type="checkbox"/> CS | Thiede, C. et al., "Simple and sensitive detection of mutations in the ras proto-oncogenes using PNA-mediated PCR clamping," <u>Nucl. Acids Res.</u> 24(5):983-984 (1996) | | | |
| <input type="checkbox"/> CT | Vernet, C. et al., "Evolutionary Study of Multigenic Families Mapping Close to the Human MHC Class I Region," <u>J. Mol. Evol.</u> 37:600-612 (1993) | | | |
| <input type="checkbox"/> CU | Wagner, R. et al., "Mutation detection using immobilized mismatch binding protein (MutS)," <u>Nucl. Acids Res.</u> 23(19):3944-3948 (1995) | | | |
| <input type="checkbox"/> CV | Walker, G.T. et al., "Isothermal in vitro amplification of DNA by a restriction enzyme/DNA polymerase system," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 89:392-396 (1992) | | | |
| <input type="checkbox"/> CW | Wallace, R.B. et al., "Hybridization of synthetic oligonucleotides to ϕ X174 DNA: the effect of single based-pair mismatch," <u>Nucl. Acids Res.</u> 6:3543-3557 (1978) | | | |
| <input type="checkbox"/> CX | Worwood, M. et al., "Alleles at D6S265 and D6S105 define a haemochromatosis-specific genotype," <u>Brit. J. Haemat.</u> 86:863-866 (1994) | | | |
| <input type="checkbox"/> CY | Wu, D.Y. et al., "The Ligation Amplification Reaction (LAR)-Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation," <u>Genomics</u> 4:560-569 (1989) | | | |
| <input type="checkbox"/> CZ | Yanofsky, C. et al., "Repression is Relieved Before Attenuation in the trp Operon of <i>Escherichia coli</i> as Tryptophan Starvation Becomes Increasingly Severe," <u>J. Bacteriol.</u> 158(3):1018-1024 (1984) | | | |
| <input type="checkbox"/> DA | Youil, R. et al., "Screening for mutations by enzyme mismatch cleavage with T4 endonuclease VII," <u>Proc. Natl. Acad. Sci. U.S.A.</u> 92:87-91 (1995) | | | |
| <input checked="" type="checkbox"/> DB | Yu, C-E. et al., "Positional Cloning of the Werner's Syndrome Gene," <u>Science</u> 272:258-262 (1996) | | | |
| EXAMINER | | J. Goldberg | | DATE CONSIDERED 4/19/05 |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.